EPODOC / EPO

PN - JP2000095989 A 20000404

PD - 2000-04-04

PR - JP19980266230 19980921

OPD - 1998-09-21

 INK FOR WRITING UTENSIL, WRITING UTENSIL, AND METHOD FOR DISCRIMINATING SIGNATURE

IN - IIZUKA MIKIO

PA - PILOT KK

EC - C09D11/16

- C09D11/16; B43K5/00; B43K7/00; B43K8/00; C12Q1/68; G01N33/50

@ WPI / DERWENT

 Ink for writing implement contains deoxyribonucleic acid containing material

PR - JP19980266230 19980921

PN - JP3347296B2 B2 20021120 DW200282 C09D11/16 003pp

- JP2000095989 A 20000404 DW200028 C09D11/16 003pp

PA - (PILO) PILOT CORP

IC - B43K5/00 ;B43K7/00 ;B43K8/00 ;C09D11/16 ;C12Q1/68 ;G01N33/50

AB - JP2000095989 NOVELTY - An ink contains deoxyribonucleic acid containing material.

- DETAILED DESCRIPTION An INDEPENDENT CLAIM is also included for method of identifying signature which involves removing deoxyribonucleic acid from the handwritten signature, evaluating and comparing with standard deoxyribonucleic acid type signature.
- USE For writing implement (claimed).
- ADVANTAGE The ink enables easy identification of forgery signatures.
- (Dwg.0/0)

OPD - 1998-09-21

AN - 2000-321825 [28]

@ PAJ / JPC

PN - JP2000095989 A 20000404

PD - 2000-04-04

AP - JP19980266230 19980921

none

IN - IIZUKA MIKIO

PA - PILOT CORP

TI - INK FOR WRITING UTENSIL, WRITING UTENSIL, AND METHOD FOR DISCRIMINATING SIGNATURE

- AB PROBLEM TO BE SOLVED: To obtain an ink which enables a signature to be confirmed as that of the signer by incorporating a substance contg. deoxyribonucleic acid of the signer into the same.

 SOLUTION: A substance, such as the blood, saliva, bair, pail
 - SOLUTION: A substance, such as the blood, saliva, hair, nail, skin, or the like, of a signer is incorporated. The ink is prepd. by compounding 1-15 wt.% colorant comprising a dye or pigment, 0.1-10 wt.% deoxyribonucleic acid-contg. substance, and water accounting for the rest. An ultraviolet absorber is pref. incorporated in order to protect deoxyribonucleic acid from the effects of ultraviolet rays. The addition of a chelating agent, such as EDTA, as a sequestering agent for divalent metal ions, e.g. MQ+, is pref. to suppress the activity of an enzyme capable of decomposing deoxyribonucleic acid. When blood is used, the addition of an anticoagulant is pref. In confirming a signature, an ink contg. a deoxyribonucleic acid-contg. substance of the signer is used for signing; deoxyribonucleic acid is taken out of the signature and subjected to judgment of type; and the comparison with the type of deoxyribonucleic acid of the signer is carried out.
 - C09D11/16 ;B43K5/00 ;B43K7/00 ;B43K8/00 ;C12Q1/68 ;G01N33/50

none